

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

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| Applicant's or agent's file reference PB60808 | FOR FURTHER ACTION | | see Form PCT/ISA/220 as well as, where applicable, item 5 below. |
| International application No. PCT/US2005/010125 | International filing date (day/month/year) 25/03/2005 | (Earliest) Priority Date (day/month/year) 25/03/2004 | |
| Applicant SMITHKLINE BEECHAM CORPORATION | | | |
| <p>This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.</p> <p>This International Search Report consists of a total of 05 sheets.</p> <p><input checked="" type="checkbox"/> It is also accompanied by a copy of each prior art document cited in this report.</p> | | | |
| <p>1. Basis of the report</p> <p>a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.</p> <p><input type="checkbox"/> The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).</p> <p>b. <input type="checkbox"/> With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.</p> <p>2. <input type="checkbox"/> Certain claims were found unsearchable (See Box II).</p> <p>3. <input type="checkbox"/> Unity of Invention is lacking (see Box III).</p> <p>4. With regard to the title,</p> <p><input type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input checked="" type="checkbox"/> the text has been established by this Authority to read as follows: USE OF AN NK3 ANTAGONIST FOR THE TREATMENT OF BIPOLAR DISORDERS</p> | | | |
| <p>5. With regard to the abstract,</p> <p><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input type="checkbox"/> the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.</p> <p>6. With regard to the drawings,</p> <p>a. the figure of the drawings to be published with the abstract is Figure No. _____</p> <p><input type="checkbox"/> as suggested by the applicant.</p> <p><input type="checkbox"/> as selected by this Authority, because the applicant failed to suggest a figure.</p> <p><input type="checkbox"/> as selected by this Authority, because this figure better characterizes the invention.</p> <p>b. <input type="checkbox"/> none of the figures is to be published with the abstract.</p> | | | |

Form PCT/ISA/210 (first sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/010125A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K31/00 A61K31/47 A61P25/18 A61P25/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|--|-----------------------|
| X | US 6 420 388 B1 (EMONDS-ALT XAVIER ET AL) 16 July 2002 (2002-07-16) claims 1,7 ----- | 1,4 |
| A | WO 95/32948 A (SMITHKLINE BEECHAM FARMACEUTICI S.P.A; FARINA, CARLO; GIARDINA, GIUSEP) 7 December 1995 (1995-12-07) cited in the application claims ----- -/- | 1-4 |

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

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| Date of the actual completion of the international search 12 July 2005 | Date of mailing of the international search report 29/07/2005 |
| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016 | Authorized officer Pacreu Largo, M |

Form PCT/ISA/210 (second sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2005/010125

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| A | GIARDINA G A M ET AL: "DISCOVERY OF A NOVEL CLASS OF SELECTIVE NON-PEPTIDE ANTAGONISTS FOR THE HUMAN NEUROKININ-3 RECEPTOR. 2. IDENTIFICATION OF (S)-N-(1-PHENYLPROPYL)-3-HYDROXY-2-PHENYLQUINOLINE-4-CARBOXAMIDE (SB 223412)" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, US, vol. 42, no. 6, 1999, pages 1053-1065, XP000882756 ISSN: 0022-2623 abstract ----- | 1-4 |
| A | PEMBERTON D J ET AL: "Effects of a NK - 3 receptor antagonist on ICV administered senktide - induced behaviours in the guinea pig." SOCIETY FOR NEUROSCIENCE ABSTRACT VIEWER AND ITINERARY PLANNER, vol. 2003, 2003, pages Abstract No. 858.6 URL- http://sf , XP001207106 & 33RD ANNUAL MEETING OF THE SOCIETY OF NEUROSCIENCE; NEW ORLEANS, LA, USA; NOVEMBER 08-12, 2003 abstract ----- | 1-4 |
| A | GLICK I D ET AL: "PSYCHOPHARMACOLOGIC TREATMENT STRATEGIES FOR DEPRESSION, BIPOLAR DISORDER, AND SCHIZOPHRENIA" ANNALS OF INTERNAL MEDICINE, NEW YORK, NY, US, vol. 134, no. 1, 2 January 2001 (2001-01-02), pages 47-60, XP009000276 ISSN: 0003-4819 the whole document ----- | 1-4 |
| P, X | WO 2005/014575 A (SMITHKLINE BEECHAM CORPORATION; CHAN, WAI, NGOR; SMITH, PAUL, WILLIAM;) 17 February 2005 (2005-02-17) Page 10 ----- | 1, 4 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
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